

DEPARTMENT OF THE ARMY
US ARMY INFORMATION SYSTEMS SOFTWARE DEVELOPMENT
CENTER- WASHINGTON
FORT BELVOIR, VIRGINIA 22060- 5576

AMSEL- SE- IS- C

DATE: 29 November 1999

MEMORANDUM FOR PERSLOC USERS

SUBJECT: Software Version Description (SVD) for Installation
Support Module (ISM) Personnel Locator (PERSLOC) Software Change
Package (SCP) P21- A03- 10- 00- A

1. Enclosed is SCP P21- A03- 10- 00- A which provides formal change information to the Personnel Locator (PERSLOC) ISM
2. Acknowledgement of installation of this SCP must be made IAW instructions provided in Enclosure 1.
3. This memorandum certifies that the ISM subject software has been thoroughly tested, is considered to be a quality product, and is hereby authorized for release to a production environment.
4. Security Implications: NONE.

Encl

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CHANGE PACKAGE CONTROL NUMBER: (P21- A03- 10- 00- A)

SOFTWARE VERSION DESCRIPTION (SVD) FOR

PERSONNEL LOCATOR (PERSLOC)

SYSTEM SOFTWARE CHANGE PACKAGE (SCP) (P21- A03- 10- 00- A)

U. S. ARMY INFORMATION SYSTEMS
SOFTWARE DEVELOPMENT CENTER- WASHINGTON
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CONTENTS

1.	Scope.	1
1.1	Identification	1
1.2	System Overview.	1
1.3	Document Overview.	1
2.	Referenced Documents	1
2.1	Referenced Documents	1
3.	Version Description.	2
3.1	Inventory of Materials Released.	2
3.2	Inventory of Software Contents	2
3.3	Changes Installed.	2
3.3.1	Corrector Descriptions - Technical.	2
3.3.2	Corrector Descriptions - Functional	4
3.3.3	Summary of Changes.	6

	p21- a03- 10- 00- a. txt	
3. 4	Adaptation Data. . . . .	. 6
3. 5	Related Documents. . . . .	. 6
	3. 5. 1 Technical Documentation Changes . . . . .	. 6
	3. 5. 2 Functional Manual Changes . . . . .	. 6
3. 6	Installation Instructions. . . . .	. 6
	3. 6. 1 Installation Effective Date . . . . .	. 8
	3. 6. 2 Security Implications . . . . .	. 8
	3. 6. 3 ANSOC Installation Instructions . . . . .	. 8
	3. 6. 4 Special Installation Instructions - All Users . . . . .	. 8
	3. 6. 5 Point of Contact. . . . .	. 8
	3. 6. 6 Report of Implementation. . . . .	. 8
3. 7	Possible Problems and Known Errors . . . . .	. 9
4.	Notes. . . . .	. 9
	4. 1 Notes. . . . .	. 9

1. Scope

1.1 Identification. This Software Version Description (SVD) applies to the Personnel Locator (PERSLOC) running on Army Standard Information Management System (ASIMS) and networked AIX operating system on UNIX platforms.

1.2 System Overview. PERSLOC is part of the ISM Project which is an army-wide Major Automated Information System (MAIS) initiative. The primary objective of ISM is to enhance, through automation, installation management functions. ISM applications consist of standard procedures packaged into functional applications which automate as well as integrate day-to-day installation processes. ISM applications use the Installation Level Integrated Data Base (ILIDB), which is the central repository for data that is common to more than one ISM application, and various local databases that contain data elements unique to the individual ISM applications.

The purpose of the PERSLOC ISM is to automate the information for military/civilian personnel and units. PERSLOC is designed to aid in locating military and civilian personnel assigned to a particular installation including the mail forwarding services for military personnel currently assigned and those that have been transferred from that installation. PERSLOC can display the current unit or new address, the former old address, the unit or activity telephone number, and the off-post quarters address. You can print mailing labels, manage and purge files, as well as update this information. The military and civilian personnel telephone locator service can be accessed either by social

security number (SSN) or by name. PERSLOC allows you to retrieve the following information:

- Current military/civilian activity or unit telephone numbers.
- Current military personnel unit mailing address.
- Current military personnel off-post mailing address.
- Current military personnel forwarding mailing address.
- Current personnel name, rank/grade, Unit Identification Code (UIC), location, and phone number.

1.3 Document Overview. This document provides the instructions necessary for the implementation of the formal Software Change Package (SCP) P21-A03-10-00-A of PERSLOC. It informs the users of the changes made to the system and provides Point of Contacts (POCs) to be contacted in case of problems.

2. Referenced Documents

2.1 Referenced Documents. This paragraph has been tailored out.

3. Version Description

3.1 Inventory of Materials Released. This paragraph has been tailored out.

3.2 Inventory of Software Contents. Hardware platform - ASIMS/UNIX AIX OS users. (Installation supported). This change package contains the following files.

PROGRAM	VERSION	UPDATE
README.post_1000	1000	24 Nov 1999
post_1000.cpio.Z	1000	24 Nov 1999
install_post_1000	1000	24 Nov 1999

3.3 Changes Installed.

3.3.1 Corrector Descriptions - Technical.

1. ECP-S P21/X3C-A150-014
 - A. CYCLES: None.
 - B. PROGRAM: PERSLOC
 - C. PROBLEM: Moving from the 39H stand alone to an integrated processor and data server for ITP ISM and SBIS and databases.
 - D. RESOLUTION: Put ITP ISM and SBIS applications and databases on an integrated processor and data together.
 - E. ICP: P21-A03-09-01-A
2. ECP-S/E P21-A150-003
 - A. CYCLES: None.
 - B. PROGRAM: PERSLOC
 - C. PROBLEM: Currently the PERSLOC cron job runs/process for 2 hours. The code needs to be reexamined to make the cron job run faster. With the integrated baseline, this process runs for 6 hours.
 - D. RESOLUTION: Modified cron job to retrieve only records to be used for that site.
 - E. ICP: P21-A03-09-02-A

- p21- a03- 10- 00- a. txt
3. ECP- S/E P21- A150- 004
 - A. CYCLES: None.
 - B. PROGRAM PERSLOC
 - C. PROBLEM User receives Multi-User Error for manually entered individuals.
 - D. RESOLUTION: The systems branching from the menu to screen was corrected.
 - E. ICP: P21- A03- 09- 02- A
 4. ECP- S/E P21- A150- 005
 - A. CYCLES: None.
 - B. PROGRAM PERSLOC
 - C. PROBLEM Path 1.5.1 - Received database Error 100 Message.
 - D. RESOLUTION: Database error 100 corrected by storing blank space information instead of storing it as NULL.
 - E. ICP: P21- A03- 09- 02- A
 5. ECP- S/E P21- A15M- 001
 - A. CYCLES: None.
 - B. PROGRAM PERSLOC
 - C. PROBLEM The following code segments either assume a century of 19 year variables that contain only two digits, or use the current century in creating the century of the year variables.
 - D. RESOLUTION: A sliding window technical is used to determine the correct century.
 - E. ICP: P21- A03- 09- 03- A
 6. ECP- S/E P21- A150- 006
 - A. CYCLES: None.
 - B. PROGRAM PERSLOC
 - C. PROBLEM The DATE_VERIFY procedure assigns a century of 19 when only a 2-digit year is provided.
 - D. RESOLUTION: A sliding window is used to determine the correct century in the global function Ver_Date.c. A recompiling is needed to link to this function.
 - E. ICP: P21- A03- 09- 03- A
 7. ECP- S/E P21- A15M- 002
 - A. CYCLES: None.
 - B. PROGRAM PERSLOC
 - C. PROBLEM Invalid date in Departed Locator Cards Report Header. Error in 2000/02/28 time warp in the Departed Locator Cards Report the user must specify an amount of time for the date parameters. Selected 12 months. The report displayed 1999/02/29 through 2000/02/28 in the header.
 - D. RESOLUTION: Modified the report from the Departed Locator Cards Report.
 - E. ICP: P21- A03- 09- 04- A
 8. ECP- S/E P21- A15M- 003
 - A. CYCLES: None.
 - B. PROGRAM PERSLOC
 - C. PROBLEM Invalid date in Incomplete Forwarding Address Report. Error in 2004/02/28 time warp in the Incomplete Forwarding Address Report the user must specify an amount of time to populate the date parameters. Selected 12 months. The report displayed 2003/02/29 through 2004/02/28 in the header.
 - D. RESOLUTION: Modified the report from the Incomplete Forwarding Address Report.
 - E. ICP: P21- A03- 09- 04- A
 9. ECP- S/E P21- R204- 003
 - A. CYCLES: None.
 - B. PROGRAM PERSLOC
 - C. PROBLEM Request change to data base to add field for activity level.
 - D. RESOLUTION: In the new locator ISM the only information given is the unit of

p21-a03-10-00-a.txt
assignment. If someone is assigned to
Garrison company, but works at DOIM DPW,
etc. We do not have this information
available in current database.
E. ICP: None.

10. ECP- S/E P21-S113-014
A. CYCLES: None.
B. PROGRAM PERSLOC
C. PROBLEM Mail clerks are responsible for updating
certain unit addresses. The problem is
that the mail clerks are experiencing
incorrect write permission to the Unit
Address Table.
D. RESOLUTION: Software database command was corrected
to correctly update user write
permissions to the Unit Address Table.
E. ICP: P21-A03-09-0AA-A.

3.3.2 Corrector Descriptions - Functional.

1. ECP- S/E P21-R301-006
A. CYCLES: None.
B. PROGRAM PERSLOC
C. PROBLEM Path 1.1.3.2 - If you have a manually
added name, the unit name seems to never
clear. It does not show their correct
unit name. It will carry over from last
individual you pulled up.
D. RESOLUTION: Problem resolved by initializing three
variables upon entering program.
E. ICP: P21-A03-09-02-A
2. ECP- S/E P21-S113-009
A. CYCLES: None.
B. PROGRAM PERSLOC
C. PROBLEM Change the application to automatically
grant access to all units for FA's and
Alternate Fa's. When new units are
added via the OMF.dmp, FA's don't have
access to the unit and therefore can not
grant access to other users.
D. RESOLUTION: FA's are automatically granted access to
all units.
E. ICP: P21-A03-09-02-A
3. ECP- S/E P21-S370-004
A. CYCLES: None.
B. PROGRAM PERSLOC
C. PROBLEM The search by name fails and search by
SSAN succeeds for the same person.
Names of persons in the "BROWSE" screen
show the unit address. However, when an
individual name is accessed, the Unit
Address does not carry to the screen for
printing.
D. RESOLUTION: Revised the two programs. The commands
outer join and the commit were not in
the correct place.
E. ICP: P21-A03-09-02-A
4. ECP- S/E P21-R301-005
A. CYCLES: None.
B. PROGRAM PERSLOC

- p21-a03-10-00-a.txt
- C. PROBLEM Cannot update addresses from Address Table menu.
 - D. RESOLUTION: Modifier the UIC table to add All UIC new functional for User to access all UNIT send mail to correct place.
 - E. ICP: None.
5. ECP-S/E P21-R301-004
- A. CYCLES: None.
 - B. PROGRAM PERSLOC
 - C. PROBLEM Update old and new mailing address by using batch information.
 - D. RESOLUTION: Presently, information in the old mailing address block and new mailing address block is updated individually. Modifier program can updated in group.
 - E. SCP: None.
6. ECP-S/E P21-S113-014
- A. CYCLES: None.
 - B. PROGRAM PERSLOC
 - C. PROBLEM Mail clerks are responsible for updating certain unit addresses. The problem is that the mail clerks are experiencing incorrect write permission to the Unit Address Table.
 - D. RESOLUTION: Software database command was corrected to correctly update user write permissions to the Unit Address Table.
 - E. ICP: P21-A03-09-0AA-A

3.3.3 Summary of Changes.

- a. Copy library member changes.
 - 1. Changed: None.
 - 2. Deleted: None.
 - 3. Added: None.
- b. Control library member changes.
 - 1. Changed: None.
 - 2. Deleted: None.
 - 3. Added: None.

3.4 Adaptation Data. This paragraph has been tailored out.

3.5 Related Documents.

3.5.1 Technical Documentation Changes. A new AIX version of Software Center Operator Manual (SCOM), AISM 25-P21-A03-AIX-SCOM dated 10 December 1999 has been issued. This current version of AISM 25-P21-A03-AIX-SCOM may be obtained from:

U. S. Army Information Systems Software Development Center-
Washington
Attn: AMSEL-SE-IS-ES, Stop H-6.
Fort Belvoir, VA 22060-5576.

3.5.2 Functional Manual Changes. A new AIX version of Software User Manual (SUM), AISM 25-P21-A03-AIX-SUM dated 01 December 1999 has been issued. This current version of AISM 25-P21-A03-AIX-SUM may be obtained from:

U. S. Army Information Systems Software Development Center-
Washington

Attn: AMSEL-SE-IS-ES, Stop H-6.
Fort Belvoir, VA 22060-5576.

3.6 Installation Instructions. These instructions explain how to install PERSLOC SCP P21-A03-10-00-A onto the host computer at the installations.

Pre-Install Procedure. Before beginning to install PERSLOC SCP P21-A03-10-00-A onto the ISM host computer, follow this procedure to make sure you have the information you will need when installing.

STEP 1. Verify Oracle. The Oracle RDBMS must reside on the host and be on-line. Note the home directory for the user name is "oracle".

Install Procedure. This procedure installs SCP P21-A03-10-00-A for PERSLOC R10.00 AIX OS 4.2 baseline onto the installation server. This portion of PERSLOC R10.00 must be installed on each server at the installation.

STEP 1: Login with the login name of "root".

STEP 2: Change directory to /usr/tmp. Make a directory named "postSCP.1000".

STEP 3: Change directory into /usr/tmp/postSCP.1000. Copy the following file into /usr/tmp/postSCP.1000:

post_1000.cpio.Z	12151381	24 Nov 1999
README.post_1000	2139	24 Nov 1999
install_post_1000	5461	24 Nov 1999

STEP 4: Execute the following commands:

```
chmod 777install_post_1000    <Enter>
./install_post_1000          <Enter>
./install_prg                 <Enter>
```

STEP 5: The install_post_1000 will:

- Display the amount of available space on the system. <Enter> must be pressed to continue the install.
- Prompt for a directory path (directory_path) to use for the backup of the post directory.

c. Cpio the existing post directory and put it in the File /directory_path/post.cpio. This will be used for error recovery in case the script fails.

d. Back up the files to be saved from the post main directory.

e. Back up the SITE_ directory.

f. Prompt the user for a "Y/N" response to the question: "do you wish to continue with the install script?".
If the user enters N, the install process is aborted.
If the user enters Y, the install proceeds with the remaining steps below.

- g. Remove and then remake the post home directory.
 - h. Un-compress the post_1000.cpio.Z file and un-cpio the post_1000.cpio file into the home directory of user "post".
 - i. Restore the saved files from the post directory and The SITE_ directory.
 - j. Change the ownership and mode of the files to the correct settings.
 - k. Record all output from each of the steps performed in a file named "post_1000.log" located in the /usr/tmp/postSCP.1000 directory.
- STEP 6. The resulting log, post_1000.log, should be copied to the directory /files/home/staff/sdcw at the termination of the install. Results of the installation in post_1000.log should be reviewed.

3.6.1 Installation Effective Date. This SCP should be immediately implemented upon receipt or NLT 30 days from date of receipt.

3.6.2 Security Implications. This paragraph has been tailored out.

3.6.3 ANSOC Installation Instructions. All users receive the same baseline with change package number through e-mail and Status Tracking and Reporting System (STARS) Bulletin Board System (BBS). This change package contains the following files:

Quantity	File ID	System	Change Package
1	post_1000.cpio.Z	AIX OS 4.2	P21-A03-10-00-A
	README.post_1000		
	install.post_1000		

Ensure that all master file backups have been completed prior to loading this package.

Use these load instructions to develop load procedures that work best for your installation.

Due to various user configurations, each installation must determine appropriate block-size and library allocations.

Users must not, repeat, must not, make changes to the files.

Security impact: None.

3.6.4 Special Installation Instructions - All Users. None.

3.6.5 Point of Contact. If there are any problems or questions with the installation, or any shortage to the contents of this package, call the Army Network and Systems Operator Center (ANSOC), Ft. Huachuca: DSN 879-6798/6858 or 1-800-305-3036.

3.6.6 Report of Implementation. Implementation of this change package must be reported by completing the change package implementation form. This report must be sent to Ft. Huachuca using Fax or mail.

p21-a03-10-00-a.txt

3.7 Possible Problems and Known Errors. This paragraph has been tailored out.

4. Notes

4.1 Notes. This paragraph has been tailored out.

Change Package Control Number: P21-A03-10-00-A

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6